Permit #F00160065

FilmL.A., Inc.
6255 W Sunset Blvd, 12th Floor
Hollywood, CA 90028
t: (213)977-8600 - f: (213)977-8601
www.filmla.com

Summary Information

Permit No: F00160065 **Type of Permit:** FILMING **Release Date:** 12/13/2019

Production Company	NETFLIX PRODUCTIONS, LLC
Insured Company Name	NETFLIX PRODUCTIONS, LLC
Contact Phone No. 1	323-960-3457
Contact Phone No. 2	
Fax	
Address	5808 W. SUNSET BLVD LOS ANGELES, California 90028
Production Title	SPACE FORCE 109-110
Type of Production	TV Drama

Producer	Caroline James
Director	Paul King
1st AD	Kelly Cantley-Kashima
Production Manager	Stacy Gold
FilmL.A. Coordinator	Sarah Neubauer
Location Manager	Kyle Sucher
Primary Phone	Mobile - 818-720-2258
Secondary Phone	Office - 323-960-4525
Location Assistant	Danny Finn
Primary Phone	Mobile - 951-202-6127
Secondary Phone	

Fees

Notification Charge	$721.00
FILMLA NON-REFUNDABLE FILM APPLICATION FEE	$699.00
LA COUNTY FIRE REVIEW	$282.00
LA COUNTY ROAD INSPECTION FEE	$740.00
LA COUNTY ROAD APPLICATION FEE	$168.00
LA COUNTY-SPECIAL EFFECTS PERMIT FEE	$288.00
LA COUNTY ROAD ENCROACHMENT PERMIT PROCESSING FEE	$306.00

Total Permit Fee $3,204.00

Number of Locations 3

NOT A PERMIT

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Summary Information — Location

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Production Company NETFLIX PRODUCTIONS, LLC
Insured Company NETFLIX PRODUCTIONS, LLC
Production Title SPACE FORCE 109-110

Location Manager Kyle Sucher
Primary Phone Mobile - 818-720-2258
Secondary Phone Office - 323-960-4525

Location Address 32570 Vasquez Canyon Rd, Unincorporated Los Angeles County, CA 91350

Location Name MYSTERY MESA FILM RANCH

Location Type Ranch

Prep Dates 12/16/2019 - 12/16/2019 02:00 - 06:00 1 day

Film Dates 12/16/2019 - 12/16/2019 06:00 - 19:00 1 day
12/17/2019 - 12/17/2019 06:00 - 20:00 1 day

Strike Dates 12/17/2019 - 12/17/2019 20:00 - 23:59

Open or Closed to the Public Closed

Generic Conditions
THE CONSUMPTION OF ALCOHOLIC BEVERAGES AND THE USE OF DRUGS, INCLUDING MARIJUANA, ON LOCATION BY ANY CAST, CREW, OR INVITED GUESTS IS STRICTLY PROHIBITED.
*Certain service and personnel fees required by jurisdictional agencies are not collected by FilmL.A. Any such fees must be paid directly to the appropriate agency, and a separate invoice will be provided to the permittee.
All vehicles must be parked on private property
FAA (UAS): Failure to adhere to any applicable limitations of UAS usage will result in immediate shutdown of UAS activity
FAA (UAS): Production company must notify Air Operations for LAPD (213-485-2600) and LAFD (818-756-8635) at least 1/2 hour prior to activity.
FAA (UAS): UAS may not be operated directly over any person, unless authorized by FAA
FAA (UAS): UAS must be operated at an altitude of no more than 400' above ground level
FAA (UAS): UAS operations may not be conducted during night (1/2 hour prior to sunrise, 1/2 hour after sunset).
FAA (UAS): UAS Operator must conform with all FAA Regulations
FAA: Company must notify LASD AERO BUREAU at least 1/2 hour prior to activity, aerosgtnotification@lasd.org 562.421.2701.
FAA: LASD AERO BUREAU has been notified of aerial activity.
Must Maintain 5' Clearance on Sidewalks/Walkways
Must maintain local/emergency access
No cast or crew parking on area streets
No interference with merchant activity.
No interference with vehicular or pedestrian traffic
No Parking in handicap spaces at anytime.

Please see attached documents
mystery mesa.pdf
MS20016 - 202000964 - Kevin LaRosa Jr 30300 Mystery Mesa Drive, Canyon Country 12 - 16, 2019.pdf
Netflix 11.8.19.pdf

Equipment on Location

Type	Quantity
4000 gal water truck	1
5 or 10 ton trucks	4
Cast/Crew vehicles	80
Cube Trucks	4
Generator	1
Modular Units	1

Personnel on Location

Type	Quantity
Cast	10
Crew	80
LA County FSA assigned	1
Sheriff/CHP	4

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Summary Information — Location

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Insured Company NETFLIX PRODUCTIONS, LLC
Production Title SPACE FORCE 109-110

Location Manager Kyle Sucher
Primary Phone Mobile - 818-720-2258
Secondary Phone Office - 323-960-4525

Stakebed Trucks	2
Trailers	6
Vans	4

Filming Activities Aerial Photography with remote control aircraft. (UAS); Atmospheric smoke effects (water based); Drive by; Drive ups & away; Driving shots; Equipment on property; Helicopter activity; Helicopter landing & take off; Interior and exterior dialogue; Intermittent pedestrian control; Intermittent traffic control - 2 minutes standard; Process Trailer; Running & tow shots.; Wind effects; Additional Prep: 12/17 (0400-0600); Additional Strike: 12/18 (0600-1400); Plate shots of simulated rocket launch on Main Mesa; Background spectators in stationary picture vehicles; Stunt chase with dirtbikes; 12/16 ONLY: Helicopter landing on property (over 1000' from other residences) in between picture vehicles; Ritter fans to fake rotor wind from helicopter; 12/17 ONLY: Drone shots following overhead of stunt riders on picture bikes (over 1000' from other residences);

Jurisdiction **Political:** Los Angeles County - Supervisor District 5 **Police:** Los Angeles County Sheriff **Fire:** Los Angeles County Fire Department

Thomas Guide **Page:** 4462 **Grid:** G1

Approvals LOS ANGELES COUNTY PUBLIC WORKS - FINAL APPROVERS Linda Ayers

Coordinator Note COUNTY FIRE PERMIT 19-3514-10881 FSA REQUIRED 1-4000wt, (2)FSA's 12/11

Parking

Base Camp
Location Type : Filming Location

Crew Parking
Location Type : Filming Location

NOT A PERMIT

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Summary Information — Location

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Insured Company NETFLIX PRODUCTIONS, LLC
Production Title SPACE FORCE 109-110

Location Manager Kyle Sucher
Primary Phone Mobile - 818-720-2258
Secondary Phone Office - 323-960-4525

Location Address Vasquez Canyon Rd., Bouquet Canyon Rd - Burton Way., Los Angeles County, CA, 91390

Location Type Road

Prep Dates 12/16/2019 - 12/16/2019 07:00 - 09:00 1 day

Film Dates 12/16/2019 - 12/17/2019 09:00 - 18:00 2 days

Strike Dates 12/16/2019 - 12/17/2019 18:00 - 20:00

Open or Closed to the Public Closed

Generic Conditions **THE CONSUMPTION OF ALCOHOLIC BEVERAGES AND THE USE OF DRUGS, INCLUDING MARIJUANA, ON LOCATION BY ANY CAST, CREW, OR INVITED GUESTS IS STRICTLY PROHIBITED.**
*LA CITY AND/OR LA COUNTY FIRE CHECKLIST ATTACHED TO FINAL PERMIT. THE PERMITTEE IS RESPONSIBLE FOR COMPLETING CHECKLIST PRIOR TO FILMING ACTIVITY AT THIS LOCATION. NON COMPLIANCE MAY RESULT IN ASSIGNMENT OF A FIRE OFFICER.
Equipment staging and vehicles may park on one side of the street only.
Must Maintain 5' Clearance on Sidewalks/Walkways
Must maintain local/emergency access
Must post "ROAD WORK AHEAD" signs, which must remain up until all activities on the roadway have been completed.
No cast or crew parking on area streets
No interference with merchant activity.
No Parking in handicap spaces at anytime.
Number of uniformed officers listed on the permit is a minimum requirement. Permittee remains responsible for deploying a sufficient number of uniformed officers to provide traffic and crowd control to ensure the safety of the film crew and the public.
Traffic control must be done in accordance w/MUTCD
Traffic Officers Required
Uniformed officers shall have a copy of the film permit in their possession and are required to confirm that all traffic control signage devices are in place.

Please see attached document 160065_ALT_VAZQUEZ CY_BOUQUET CANYON_16747 VASQUEZ CY_ Layout1 (1).pdf

Equipment on Location

Type	Quantity
Cube Trucks	4
Vans	2

Personnel on Location

Type	Quantity
Cast	4
Crew	16
LA County Field Inspection	1
Sheriff/CHP	4

Filming Activities Car-to-Car; Drive ups & away; Driving shots; Equipment on sidewalk, in curb lane & across street; Exterior Dialogue; Intermittent pedestrian control; Intermittent traffic control - 2 minute standard (except 0700-0900 hrs & 1500-1900 hrs); Process Trailer; Running & tow shots.; Talent walking on side of road; Picture vehicles pulling up to talent, walk and talk, gets on picture vehicles, all within closure; Splinter unit; Filming both directions on Vasquez Canyon Rd.; ITC on Bouquet Canyon Rd for picture;

Jurisdiction **Political:** Los Angeles County - Supervisor District 5 **Police:** Los Angeles County Sheriff **Fire:** Los Angeles County Fire Department

Approvals

LOS ANGELES COUNTY PUBLIC WORKS - FINAL APPROVERS	Linda Ayers
LOS ANGELES COUNTY ROAD DEPARTMENT - SANTA	Joshua Mingo

NOT A PERMIT

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Summary Information — Location

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Insured Company NETFLIX PRODUCTIONS, LLC
Production Title SPACE FORCE 109-110

Location Manager Kyle Sucher
Primary Phone Mobile - 818-720-2258
Secondary Phone Office - 323-960-4525

CLARITA (PO2)

Coordinator Note COUNTY FIRE PERMIT 19-3514-10881 FIELD INSPECTION 12/11

Parking

Base Camp Location Type : Other Location	MYSTERY MESA FILM RANCH 32570 Vasquez Canyon Rd, Unincorporated Los Angeles County, CA 91350	**Crew Parking Location Type :** Other Location	MYSTERY MESA FILM RANCH 32570 Vasquez Canyon Rd, Unincorporated Los Angeles County, CA 91350

Posting "No Parking" signs B/S VASQUEZ CANYON RD., BOUQUET CANYON RD. - 16747 VASQUEZ CANYON RD

Approximate Footage County Parking **Log Number** COUNTY PARKING

Date(s) 12/16/2019 to 12/17/2019 **Time(s)** 06:00 to 18:00

Lane / Full Closure ALTERNATING DIRECTIONAL CLOSURE VASQUEZ CANYON RD., BOUQUET CANYON RD. - 16747 VASQUEZ CANYON RD

Approximate Footage 0 - 300

Date(s) 12/16/2019 to 12/17/2019 **Time(s)** 06:00 to 19:00

NOT A PERMIT

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Summary Information — Location

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Insured Company NETFLIX PRODUCTIONS, LLC
Production Title SPACE FORCE 109-110

Location Manager Kyle Sucher
Primary Phone Mobile - 818-720-2258
Secondary Phone Office - 323-960-4525

Location Address 13845 Sierra Hwy, Santa Clarita, CA, 91390

Location Type Private Residence

Prep Dates 12/16/2019 - 12/16/2019 07:00 - 19:00 1 day

Film Dates 12/17/2019 - 12/17/2019 05:00 - 20:00 1 day

Strike Dates 12/18/2019 - 12/18/2019 07:00 - 19:00

Open or Closed to the Public Closed

Generic Conditions **THE CONSUMPTION OF ALCOHOLIC BEVERAGES AND THE USE OF DRUGS, INCLUDING MARIJUANA, ON LOCATION BY ANY CAST, CREW, OR INVITED GUESTS IS STRICTLY PROHIBITED.**
*Certain service and personnel fees required by jurisdictional agencies are not collected by FilmL.A. Any such fees must be paid directly to the appropriate agency, and a separate invoice will be provided to the permittee.
All vehicles must be parked on private property
Must Maintain 5' Clearance on Sidewalks/Walkways
Must maintain local/emergency access
No cast or crew parking on area streets
No interference with merchant activity.
No interference with vehicular or pedestrian traffic
No Parking in handicap spaces at anytime.

Please see attached document 19-FX610-81 Ken Rudell Hexagon (Space Force).pdf

Equipment on Location

Type	Quantity
5 or 10 ton trucks	4
Cast/Crew vehicles	80
Cube Trucks	4
Generator	1
Modular Units	1
Stakebed Trucks	2
Trailers	6
Vans	4

Personnel on Location

Type	Quantity
Cast	10
Crew	80
LA County FSA assigned	1

Filming Activities Atmospheric smoke effects (water based); Drive ups & away; Driving shots; Equipment on property; Interior and exterior dialogue; Simulated talent smoking; All driving on property;

Special Effects: F/X Permit # 19-FX610-81

Type	No. Times Per Day	No. Takes Per Take
	1	1

Description of F/X Scene: (10) Background smoking pipes and cigarettes

Jurisdiction **Political:** Los Angeles County - Supervisor District 5 **Police:** Los Angeles County Sheriff **Fire:** Los Angeles County Fire Department

Approvals LOS ANGELES COUNTY PUBLIC WORKS - FINAL APPROVERS Linda Ayers

Coordinator Note COUNTY FIRE PERMIT 19-3514-10881 FSA REQUIRED 12/11

NOT A PERMIT

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Location Manager Kyle Sucher
Primary Phone Mobile - 818-720-2258
Secondary Phone Office - 323-960-4525

Parking	**Base Camp** Location Type : Other Location	MYSTERY MESA FILM RANCH 32570 Vasquez Canyon Rd, Unincorporated Los Angeles County, CA 91350	**Crew Parking** Location Type : Other Location	MYSTERY MESA FILM RANCH 32570 Vasquez Canyon Rd, Unincorporated Los Angeles County, CA 91350

NOT A PERMIT

Permit #F00160065

UAS QUESTIONNAIRE

FilmL.A. Permit #:

(FOR MORE THAN 2 LOCATIONS, PLEASE LIST ADDITIONAL LOCATIONS, DATES, AND TIMES ON A SEPARATE PIECE OF PAPER)

Film Date: 12/17/19 Production Title: Hexagon

Production Company: Netflix Productions, LLC Applicant Name: Helinet Aviation Services, LLC

Location Address: Mystery Mesa 30300 Mystery Mesa Drive Canyon Country, CA 91351 Hours of UAS Activity: 0600 - 2000

Location Address #2: Hours of UAS Activity:

UAS Company Name: Helinet Aviation Services, LLC

UAS ON LOCATION INFORMATION

ANY RESTRICTED AREAS OR TEMPORARY FLIGHT RESTRICTIONS? ☐ YES ■ NO

UAS Make & Model: DJI INSPIRE 2 UAS "N" # or registration #: FA3NC9KRTH

UAS Make & Model: DJI INSPIRE 2 UAS "N" # or registration #: N129CD

Class of Airspace that activity will occur in: ☐ B ☐ C ☐ D ☐ E ■ G

REMINDER: IF YOU ARE FLYING IN CLASS B, C, D, OR E AIRSPACE, ATC AUTHORIZATION IS REQUIRED FOR ALL UAS ACTIVITY.

UAS OPERATING AUTHORITY:

■ 14 CFR PART 107 ☐ TITLE 49 (STUDENTS ONLY)

PART 107 REQUIREMENTS

Name of Remote Pilot: Michael Ferguson Certificate #: 3908708

Remote Pilot Phone #: (914) 490-8551 Visual Observer: ■ YES ☐ NO

PLEASE PROVIDE THE FOLLOWING:

- Copy of Remote Pilot's Certificate
- Copy of UAS Registration Certificate for each UAS listed above
- Description of Planned Operations
- Current Knowledge Test, if Airman Certificate is more than 2 years old

TITLE 49 REQUIREMENTS (STUDENTS ONLY)

Applies to **students enrolled at an accredited educational institution**, operating under "Hobbyist" rules. **May not be used for any commercial filming.**

Name of Operator: Operator's Phone #:

Name of School:

PLEASE PROVIDE THE FOLLOWING:

- Copy of UAS Registration
- Detailed description of proposed UAS activities
- Name of community-based organization's safety guidelines under which you will be operating
- Required insurance
- Certification letter from school (on school stationary)

WAIVERS

If you are requesting any of the following activity, please check all that apply and furnish proof of waiver from the FAA upon submission of this document to FilmL.A. **Please note, students may not apply for FAA waivers under Title 49.**

☐ Flight over non-participants (§107.39) ☐ Flight altitude restrictions (§107.51) ■ Night Flight (§107.29)

☐ Operating from a moving vehicle (§107.25) ☐ Operating multiple small UAS' (§107.35)

FILMLA. USE ONLY

PART 107 CERTIFICATE

- ☐ INSURANCE
- ☐ DOCS ATTACHED TO PERMIT
- ☐ REMOTE PILOT CERTIFICATE
- ☐ UAS REGISTRATION CERTIFICATE(S)
- ☐ WAIVERS
- ☐ DESCRIPTION OF OPS.
- ☐ ATC COORDINATOR NOTE

TITLE 49 REQUIREMENTS

- ☐ UAS REGISTRATION
- ☐ DESC. UAS ACTIVITIES
- ☐ COMMUNITY GUIDELINES
- ☐ INSURANCE
- ☐ SCHOOL LETTER

☐ _____ I ASSERT THAT ALL INFORMATION ON THIS FORM IS ACCURATE.

(APPLICANT)

UPDATED: 12/03/2018

NOT A PERMIT

MOTION PICTURE PLAN OF ACTIVITIES

DATE: Dec. 17, 2019 TIME: 0600 - 2000

WAIVER HOLDER: UAS Part 107

COMPANY: Helinet Aviation Services LLC, 16303 Waterman Drive, Van Nuys, CA 91406

NAME OF PILOT: Michael Ferguson CERTIFICATE # 3908708 Remote Pilot license
CLASS AND DATE OF MEDICAL: NA

LOCATION OF ACTIVITY: Mystery Mesa 30300 Mystery Mesa Drive Canyon Country, CA 91351

AIRCRAFT MAKE, MODEL, TYPE OF AIRWORTHINESS AND REGISTRATION:
DJI Inspire 2 UAS –FA3NC9KRTH, DJI Inspire 2 UAS- N129CD

GENERAL
OUTLINE: The Inspire drone will be used as a camera drone to film vehicles driving. The drone will not fly above 400 feet above the ground and will not fly over any persons. The UAS will be in line of site of the pilot at all times.

ACCIDENT NOTIFICATION TELEPHONE NUMBER
NTSB WESTERN REGIONAL 253-874-2880
F.A.A. REGIONAL COMMUNICATIONS CENTER: 425-227-2700 24 HRS 425-227-2000

PERSON RESPONSIBLE FOR THE PRODUCTION COMPANY Location Manager – Kyle Sucher Cell – 818-720-2258

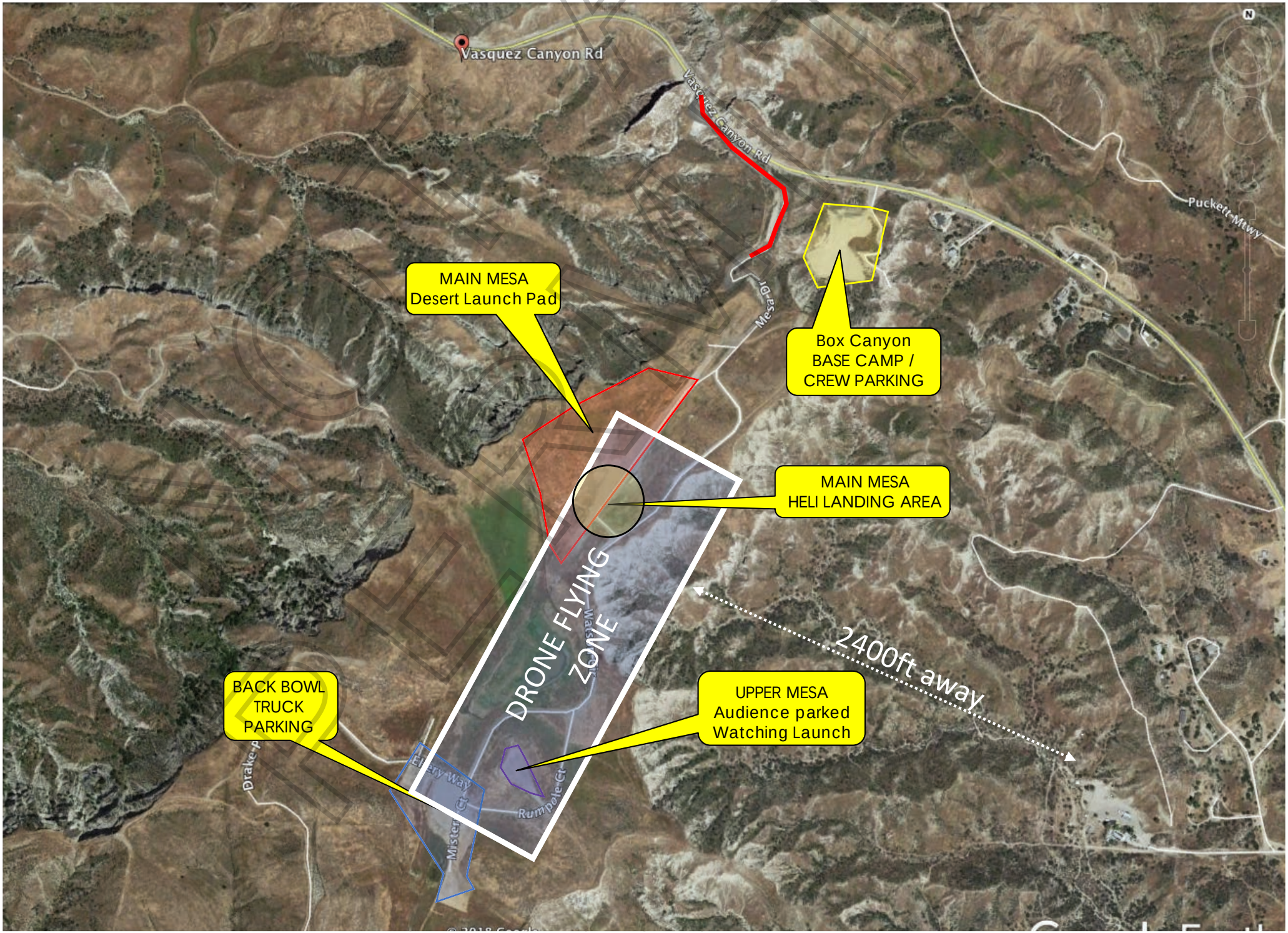
PERMISSION FROM PROPERTY HOLDER: Permission to use the location has been obtained by the production company.

REMARKS:

SIGNATURE: John Burton

ACCEPTED BY:

NOT A PERMIT


Vasquez Canyon Rd
Vasquez Canyon Rd
Puckett Mtwy
MAIN MESA
Desert Launch Pad
Box Canyon
BASE CAMP /
CREW PARKING
MAIN MESA
HELI LANDING AREA
DRONE FLYING
ZONE
2400ft away
BACK BOWL
TRUCK
PARKING
UPPER MESA
Audience parked
Watching Launch
Rumpole Ct
Mister Ct

I **UNITED STATES OF AMERICA** XI

DEPARTMENT OF TRANSPORTATION • FEDERAL AVIATION ADMINISTRATION

IV NAME
MICHAEL CRAIG FERGUSON

V ADDRESS 8 MOCKINGBIRD LN
NEW MILFORD CT 06776-3252

VI NATIONALITY USA	SEX	HEIGHT	WEIGHT	HAIR	EYES
IVa D.O.B. 1 OCT 1967	M	73	195	BROWN	HAZEL

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II REMOTE PILOT

III CERTIFICATE NUMBER 3908708

X DATE OF ISSUE 2 SEP 2016

XIV

VIII ADMINISTRATOR

[redacted]

MICHAEL CRAIG FERGUSON 3908708

XII RATINGS

REMOTE PILOT
SMALL UNMANNED AIRCRAFT SYSTEM

XIII LIMITATIONS

VII SIGNATURE OF HOLDER

Certificate of Achievement

This is to certify that

Michael Craig Ferguson

has successfully completed the
FAA Safety Team Aviation Learning Center Online Course

Part 107 Small Unmanned Aircraft Systems (Small Uas) Recurrent

Course Number ALC-515

Presented by Online Courses

September 4, 2018

Federal Aviation Administration

Valerie G Palazzolo, National Manager, FAA Safety Team

Certificate Number 0804257-20180904-00515

NOT A PERMIT

Certificate of Achievement

This is to certify that

Michael Craig Ferguson

has successfully completed the
FAA Safety Team Aviation Learning Center Online Course

Part 107 Small Unmanned Aircraft Systems (Small Uas) Recurrent

Course Number ALC-515

Presented by Online Courses

September 4, 2018

Federal Aviation Administration

Certificate Number 0804257-20180904-00515

Valerie G Palazzolo, National Manager, FAA Safety Team

Cut out the small certificate above and keep with your airman certificate. You should keep the remainder of this sheet in a safe place in case you lose your certificate above.

Your Name	Michael Craig Ferguson
Your faasafety.gov Registered Username	rcmotomike@gmail.com
Course Completed	Part 107 Small Unmanned Aircraft Systems (Small Uas) Recurrent
Course Completion Date	September 4, 2018
Course Completion Certificate Number	0804257-20180904-00515

NOT A PERMIT

Small UAS Certificate of Registration

Name: HELINET AVIATION

Manufacturer: DJI

Model: Inspire 2

Serial Number: 09YDFAV0040719

Certificate Number: FA3NC9KRTH

Issued: 11/19/2018 Expires: 11/19/2021

For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.

For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.

This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas

Federal Aviation Administration

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER OR AUTHORIZATION

ISSUED TO

RAVIIN LLC
Responsible Person: Michael Ferguson
Waiver Number: 107W-2017-01695

ADDRESS –

8 Mockingbird Lane
New Milford, CT 06776

This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.

OPERATIONS AUTHORIZED

Night small unmanned aircraft system (sUAS) operations.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

14 CFR § 107.29 Daylight operation

STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached to and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Administrator of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
4. This certificate is nontransferable.

NOTE—This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.

SPECIAL PROVISIONS

Special Provisions Nos. 1 to 11, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from May 21, 2017 to May 31, 2021 and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

General Aviation and Commercial Division, AFS-800

NOT A PERMIT

SPECIAL PROVISIONS ISSUED TO
RAVIIN LLC

General.

The FAA's Flight Standards Service has reviewed your application to ensure compliance with the requirements of 14 CFR § 107.200. The Administrator finds that the proposed sUAS operation can be conducted safely under the provisions of this Certificate of Waiver (Waiver) as listed below, because you have established adequate mitigations for risks involved with operating your sUAS in the manner you described. Adherence to the provisions of this Waiver establishes the required level of safety within the national airspace system.

This Waiver may be canceled at any time by the Administrator, the person authorized to grant the Waiver, or the representative designated to monitor a specific operation. As a general rule, this Waiver may be canceled when it is no longer required, there is an abuse of its provisions, or when unforeseen safety factors develop. Failure to comply with any provision listed below is a violation of the terms of this Waiver and may serve as justification for cancellation.

List of Regulations Waived by Section and Title. The following regulations are waived:

14 CFR § 107.29, Daylight operation, is waived to allow sUAS operations during night.

Common Special Provisions. The Responsible Person is directly responsible for safety of operations conducted under this Waiver and will ensure the remote Pilot in Command (PIC), manipulator of the controls, and Visual Observer (VO) complies with all provisions of this Waiver.

1. The Responsible Person listed on the Waiver is responsible to the FAA for the safe conduct of the operations. Prior to conducting operations that are the subject of this Waiver, the responsible person:
   a. Must ensure the remote PIC, manipulators of the controls, and VO are informed on the terms and provisions of this Waiver and the strict observance of the terms and provisions herein;
   b. Must ensure the remote PIC, manipulators of the controls, and VO are informed and familiar with part 107 regulations not waived; and
   c. The above must be documented and must be presented for inspection upon request from the Administrator or an authorized representative.

2. This Waiver must not be combined with any other waiver(s), authorizations(s), or exemption(s) without specific authorization from the FAA;

3. The FAA has the authority to cancel or delay any or all flight operations if the safety of persons or property on the ground or in the air, are in jeopardy or there is a violation of the terms of this Waiver;

4. Operations under this Waiver may only be conducted in Class G airspace unless a separate airspace Certificate of Waiver or Authorization specifically stating that night operations may be conducted in controlled airspace is received from the FAA, in accordance with § 107.41. The airspace Certificate of Waiver or Authorization to operate at night must be requested separately, and is not part of this Waiver;

5. A copy of this Waiver must be available during sUAS operations that are the subject of this Waiver;

6. The Responsible Person listed on this Waiver must maintain a current list of pilots by name and remote pilot certificate number used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative;

NOT A PERMIT

7. The Responsible Person listed on this Waiver must maintain a current list of small unmanned aircraft (sUA) by registration number(s) used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative;

Night sUAS Operations Special Provisions. sUAS operations may be conducted at night, as defined in 14 CFR § 1.1, provided:

8. All operations under this Waiver must use one or more VO;

9. Prior to conducting operations that are the subject of this Waiver, the remote PIC and VO must be trained, as described in the Waiver application, to recognize and overcome visual illusions caused by darkness, and understand physiological conditions which may degrade night vision. This training must be documented and must be presented for inspection upon request from the Administrator or an authorized representative;

10. The area of operation must be sufficiently illuminated to allow both the remote PIC and VO to identify people or obstacles on the ground, or a daytime site assessment must be performed prior to conducting operations that are the subject of this Waiver, noting any hazards or obstructions; and

11. The sUA must be equipped with lighted anti-collision lighting visible from a distance of no less than 3 statute miles. The intensity of the anti-collision lighting may be reduced if, because of operating conditions, it would be in the interest of safety to do so.

NOT A PERMIT

U.S. Department of Transportation
Federal Aviation Administration

Aviation Safety

Flight Standards Service
General Aviation Safety Assurance
General Aviation G (AFG-700)

Van Nuys Flight Standards District Office
16501 Sherman Way, Suite #330
Van Nuys, California 91406
818-267-3300, Fax: 818-786-9732

To:	John Burton
Company:	Kevin LaRosa II
Phone:	Kevin 818-307-3794 John 818-419-0704
Email:	k2@kevinlarosa.com jburton@helinet.com
From:	Eric C. Burg
Title:	Aviation Inspector
Date:	December 11, 2019
Pages w/cover	3

RE: MS20016 – 202000964

Dear Mr. Burton:

This is to inform you that your motion picture/television filming Plan of Activities for December 16, 2019 from 0600 PST to1900 PST, at 30300 Mystery Mesa Drive in Canyon Country has been received and accepted by this office. Inspectors from this office may monitor the operation to ensure compliance with the accepted plan. Please notify this office, in writing, of any changes to this plan at 818-267-3300.

If you have any questions, please feel free to contact this office during normal working hours at the telephone number listed above, or my direct line 818-267-3330.

Sincerely,

Eric C. Burg
Aviation Safety Inspector VNY FSDO
Direct 818-267-3330
Office 818-267-3300
POA

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MOTION PICTURE PLAN OF ACTIVITIES

DATE 12/16/19 TIME: 0600-1900

WAIVER HOLDER: Kevin LaRosa II

COMPANY: Hexagon

NAME OF PILOT: Kevin LaRosa II CERTIFICATE # 3057835

CLASS AND DATE OF MEDICAL: First, Sept 2019

AIRCRAFT OPERATOR: Helinet Aviation Services, LLC

LOCATION OF ACTIVITY 30300 Mystery Mesa Drive, Canyon Country, CA 91351 (private property)

AIRCRAFT MAKE, MODEL, TYPE OF AIRWORTHINESS AND REGISTRATION:
Airbus AS350B2 N67TV

GENERAL
OUTLINE: The helicopter will be used as a picture helicopter and be filmed landing at the locations shown on the attached map. No drone will be used during the operation of the helicopter. No non-participants will be within 500 feet of the operating helicopter. There are no residences withing 2000 feet of where the helicopter will be operating.

ACCIDENT NOTIFICATION TELEPHONE NUMBER

NTSB WESTERN REGIONAL	253-874-2880
F.A.A. REGIONAL COMMUNICATIONS CENTER:	425-227-2700 24 HRS 425-227-2000
VAN Nuys FSDO	(818) 267-3300

PERSON RESPONSIBLE FOR THE PRODUCTION COMPANY Location Manager -Kyle Sucher
Phone: 818-720-2258

PERMISSION FROM PROPERTY HOLDER: Has been obtained by production

REMARKS:

SIGNATURE: John Burton

ACCEPTED BY:

EXAMINED AND ACCEPTED
(SIGNATURE) VAN NUYS FSDO

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Permit #F00160065

EXAMINED AND ACCEPTED

(SIGNATURE) VAN NUYS FSDO

APPOINTMENT OF
PACIFIC PRODUCTION SERVICES, INC. AS
AUTHORIZED AGENT AND REPRESENTATIVE

I certify that I am a representative of Netflix Productions (Principal) and am authorized to enter into binding contractual agreements on Principal's behalf provided Principal has pre-approved such agreements. I further certify that I am authorized by Principal to appoint other representatives and agents for Principal and to give such representatives and agents authority to enter into and bind Principal to agreements relating to the issuance and compliance with location film (e.g. theatrical, television, commercial, and other motion picture filming) and still photographic permits, including the permits themselves and any riders to such permits. Acting on the behalf of Principal in my capacity as its authorized representative, I appoint **Pacific Production Services, Inc.** and its employees and agents as Principal's authorized representatives and agents to apply for and receive location film (e.g. theatrical, television, commercial, and other motion picture filming) and still photographic permits on behalf of Principal through FilmLA for any city, county or other jurisdiction that FilmLA contracts with, in accordance with Principal's instructions, to negotiate, discuss, accept, modify, agree to bind the Principal to the terms and conditions of such permits (including any restrictions and/or community guidelines applicable to any such permit) and to execute such permits on behalf of Principal. Principal understands, acknowledges and agrees that it (and/or it's insurer) remains responsible and liable for any and all obligations imposed by or incidental to any permit or rider issued to Principal signed by an employee or agent of (including any coordinator, runner or messenger used by) **Pacific Production Services, Inc.** Principal further agrees to comply with the terms and conditions of any such permits and hereby appoints **Pacific Production Services, Inc.** as an authorized representative to facilitate compliance with such terms and conditions following issuance of such permits and to enter into agreements for Principal with respect thereto. Any person, city, agency, entity or organization (including FilmLA and any city, county or other jurisdiction that FilmLA contracts with) may rely on this appointment and not need obtain any further authorization for any act described herein. An original or electronic copy of this appointment shall be sufficient and may be treated as an original for all purposes. The appointment may be revoked by Principal at any time in writing delivered to FilmLA, but in any case shall expire one (1) year from the date of execution set forth below.

I declare under penalty of perjury under the laws of the State of California that I am authorized to appoint **Pacific Production Service, Inc.** as an agent for Principal and based on that authority I hereby appoint **Pacific Production Services, Inc.** as Principal's agent as set forth herein.

DATED 11/08/2019

BY Melanie Elin

REPRESENTATIVE'S SIGNATURE

NAME OF "PRINCIPAL" (PRODUCTION COMPANY) Melanie Elin	PRINCIPAL'S STREET ADDRESS Netflix Productions
PRINT PRINCIPAL REPRESENTATIVE NAME Line Producer	CITY, STATE, ZIP CODE 1438 N Gower St, Bldg 5, #201
REPRESENTATIVE TITLE (I.E. UPM, LOC. MGR.)	PRINCIPAL'S TELEPHONE NUMBER Los Angeles, CA 90028

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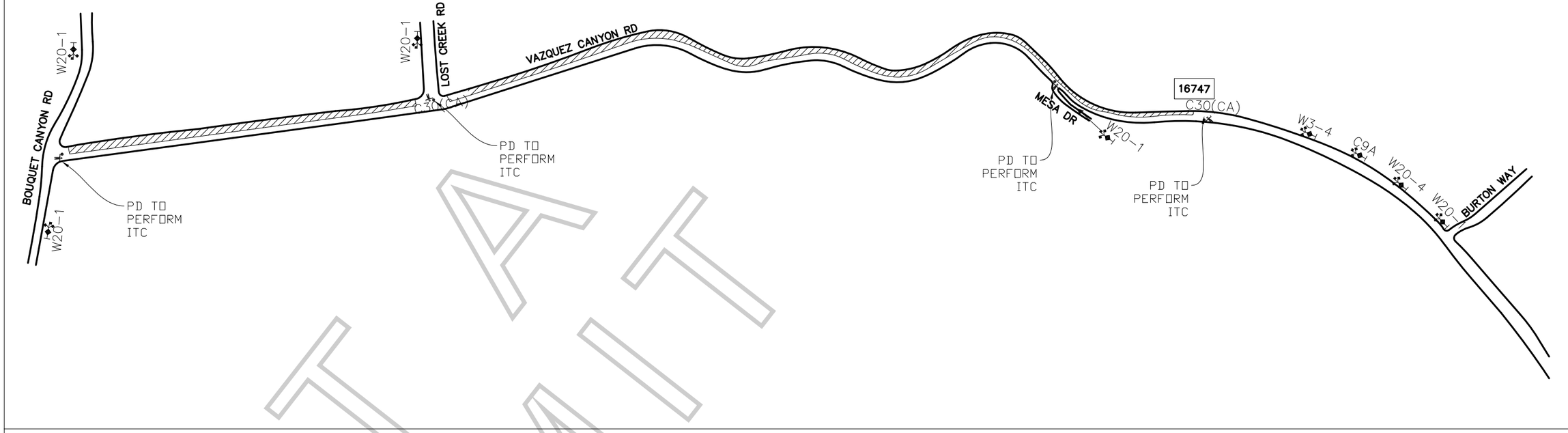
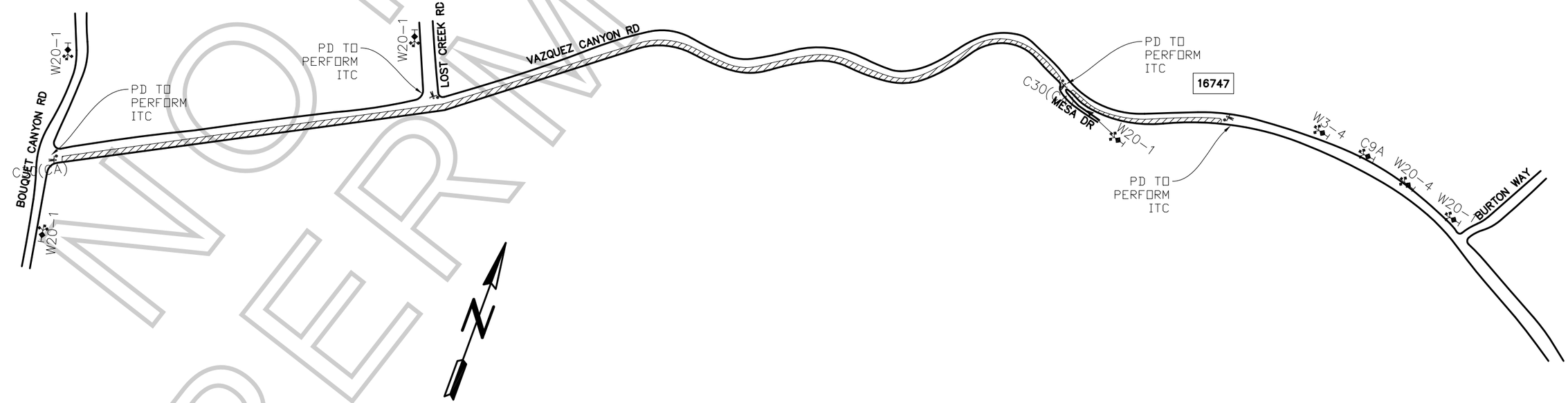
Permit #F00160065





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LEGEND:

- ADVANCE WARNING SIGN
- SIGN ON TYPE I BARRICADE
- TRAFFIC CONE 28" (REFLECTIVE)
- CLOSURE/WORK AREA

ROAD WORK AHEAD	ONE LANE ROAD AHEAD		BE PREPARED TO STOP	LANE CLOSED
W20-1	W20-4	C9A	W3-4	C30(CA)

FILM LA COORDINATOR: TARA KRAMER
FILM LA PERMIT # F-98489

CLOSURE INFO:

ALTERNATING DIRECTIONAL CLOSURE OF VAZQUEZ ROAD FROM BOUQUET CANYON RD-BURTON WAY
12/16, & 12/17, 0600-1900

NETFLIX PRODUCTIONS
"SPACE FORCE"
LOCATIONS CONTACT:
CHRIS AGNEW 323.260.4777(4PPS)

TCP DRAWN BY:
ISMAEL RODRIGUEZ
PACIFIC TRAFFIC CONTROL, INC.
323.981.0600 PH.
LIC # 944488

GENERAL NOTES:

1. ALL SIGNING, STRIPING, AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND STANDARD SPECIFICATIONS, CALIFORNIA M.U.T.C.D., AND ANY ADDENDUMS THERTO, AND AS SHOWN ON THESE PLANS.
2. THERE SHALL BE NO INTERFERENCE WITH TRAFFIC SIGNALS OR CROSSWALKS.
3. CONES SHALL BE 28" MINIMUM HEIGHT AND SHALL HAVE REFLECTORIZED SLEEVES FOR NIGHT WORK.
4. POLICE SHALL DIRECT TRAFFIC AS NECESSARY.

Permit #F00160065

COUNTY OF LOS ANGELES FIRE DEPARTMENT
FIRE PREVENTION DIVISION - PUBLIC SAFETY & FILM UNIT

14425 Olive View Drive, Sylmar, California 91342
Office (818) 364-8240 FAX (818) 364-8242
psfu@fire.lacounty.gov

SPECIAL EFFECTS PERMIT

IN ACCORDANCE WITH CHAPTER 1, SECTION 105, AND CHAPTER 48 OF THE 2017 L.A. COUNTY FIRE CODE AND/OR IN ACCORDANCE WITH TITLE 19, CALIFORNIA CODE OF REGULATIONS, FOR THE FOLLOWING:

This permit shall constitute permission to use pyrotechnic special effects, open flame, flammable or combustible liquids and gases, welding, and the parking of motor vehicles in any building or location for the purpose of motion picture and television commercial production. This permit allows for the purchase, transport, storage, use and disposal of the prescribed pyrotechnical devices listed below. The Special Effects Permit fee is $288.00.

Permit Number: 19-FX610-81 **Film Permit Number:** 19-3514-108/81 / 160065

Production Title: Hexagon (Space Force) **Location Manager:** Kyle Spencer
Production Company: Netflix **Phone Number:** 818-720-2258

Pyro-technician in Charge: Cameron Davidson **Office Phone Number:** 661-904-0028
State Fire Marshal License: 3743-07 **FAX Number:**
Cell Phone Number: 661-904-0028 **Email:** camalexdavidson@gmail.com

Pyrotechnic Assistant: Ken Rudell **Cellphone Number:** 310-880-6037
State Fire Marshal License: 2872-07 **Email:** Kenfx1@gmail.com
Additional:

FX Location: 13845 Sierra Highway Canyon Country 91390 **Date:** 12/17/19 **Time:** 0700-1800
Additional Location: **Date:** **Time:**
Description of FX Scene: (10) Background smoking pipes and cigarettes

Storage Type: ☐ Magazine ☐ Day Box ☐ Premade ☐ Mixed on Site
Lifters: _____ 1 oz. _____ 2 oz. _____ 3 oz. _____ 4 oz. _____ 6 oz. _____ 8 oz. _____ 12 oz.
Loose Black Powder: _____ **Other Powder:** _____
Sparks/Squibs: _____ Z16A _____ Z17 _____ Z17A _____ D60-1 _____ D60-3 _____ D60-6
_____ D80-1/2 _____ D80-1 _____ D80-2 _____ SD70-4 _____ SD40 _____ SD100
Other Squibs: _____
Primacord: _____ feet _____ grain _____ feet _____ grain _____ feet _____ grain
Smoke: White: _____ Black: _____ Other: _____
Flammable Liquids: Gasoline: _____ Diesel: _____ Rubber Cement: _____
Propane: Tanks: _____ Size: _____ Tanks: _____ Size: _____ Tanks: _____ Size: _____
Other Flammables: Cigarettes, Tobacco

REQUIREMENTS: Provide and maintain reasonable, safe, and adequate distance from FX for cast and crew. No minors near FX. FSA to be present for and observe all FX. Extinguishers to be present and ready to go during FX. No minors smoking. Properly extinguish cigarettes in water when finished.

Assignment: ☐FSO ☒FSA ☐FI
Water truck(s)/extinguishers: (2) H2O and (2) CO2

ISSUED BY: Insp. Jon Maass **DATE:** 12/11/2019

******HARD COPY REQUIRED ON-SITE******

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